

## **MONTANA VETERINARY DIAGNOSTIC LABORATORY**

### **FEE SCHEDULE EFFECTIVE - - -September 23, 2005**

#### **General Information**

A mission of the Diagnostic Laboratory is to serve the livestock industry and the veterinary practitioner in the diagnosis of animal and zoonotic diseases. In order to provide this service, it is essential that the correct specimens be obtained and be properly handled and transported while in route to the laboratory. The laboratory staff is available to answer any questions pertaining to diagnostic and regulatory testing.

#### **Supplies**

Diagnostic kits with instructions are available for specimen submissions of biopsies, general necropsies, abortions and neonatal diarrheas. In addition, blood tubes and slide shippers for clinical pathology submissions, large styrofoam shippers, culturettes, and various types of transport media can be ordered from the laboratory.

#### **Submission Forms/Reporting of Results**

SV43 is the standard submission form for all testing except livestock and equine serology.

SV2A & SV2B submission form is to be used for all livestock serology testing.

Federal VS 10-11 form is the official EIA form.

Comprehensive histories, signalments and epidemiologic information are helpful to laboratory personnel in determining which tests are to be performed and the significance of the results. The laboratory submission form allows the submitter to provide all the above information in addition to the requested tests to be performed. Results of tests and examinations performed by the laboratory must be evaluated in conjunction with clinical signs, management practices and environmental factors.

Results will be reported only to the person identified as the submitter unless otherwise specified.

#### **Referral Submissions/Mailing costs/Minimum Laboratory fee**

The Laboratory will forward samples to outside laboratories for tests that are not presently performed in-house. The referral laboratory testing fees, mailing costs and a handling fee (\$6.00) will be billed. Contact the laboratory for availability and cost of referral tests.

The laboratory will not accept "collect-on-delivery" shipments.

The minimum laboratory fee is **\$6.00**.

A 50% surcharge will be accessed for tests conducted on animals of non-resident owners.

#### **Billing Policy**

A 1.5% monthly interest rate will be charged on accounts over 30 days. Any account 90 days delinquent will be discontinued until the entire payment is received. Extenuating fiscal circumstances will be considered upon request and the Laboratory's governing body, the Board of Livestock, must approve requests.

<b>Livestock Abortion Studies:</b> includes histopathology and aerobic, <i>Brucella</i> , <i>Campylobacter</i> , <i>Trichomonas</i> cultures and darkfield examination. (Use Abortion Kits. Instructions and SV43 form provided).....	\$30.00
<b>Bacteriology:</b> (Specify culture site/specimen; use SV43 form)	
Aerobic culture (refrigerated specimen/culturette)	
Identification one isolate.....	\$11.50
Additional isolates .....	\$4.00 each
Anaerobic culture (facultative; use anaerobic culturette) .....	\$14.00
Antibiotic sensitivity (per isolate) .....	\$ 7.00
<i>Campylobacter</i> (for livestock reproductive disease-preputial wash, fetal membranes, fetal abomasal fluid; campy transport media required) .....	\$10.00
<i>Campylobacter</i> (intestinal contents) .....	\$10.00
Chlamydial ELISA (moistened swab; fresh, affected tissue; placenta) .....	\$16.00
<i>Clostridium</i> FA (fresh, refrigerated tissue from affected site).....	\$10.00
<i>Clostridium perfringens</i> genotyping (fresh small intestinal contents; colony of isolate) .....	referral
Dermatophyte culture and PAS stain (skin scraping including hair).....	\$22.00
Direct microscopy .....	\$7.00
<i>E. coli</i> K-99 Latex Agglutination (intestinal contents) .....	\$10.00
Mycoplasma culture (fresh tissue, body fluid, or culturette) .....	\$12.00
Non-dermatophyte fungal culture (fresh specimen) .....	\$18.50
Special requests .....	contact laboratory
<i>Trichomonas</i> culture (preputial wash, uterine discharge, fetal abomasal fluid; DO NOT freeze or refrigerate AND COINCIDE specimen arrival with laboratory working hours).....	\$ 5.00

**Clinical Pathology/Cytology** (use SV43 form) ..... See page 5

<b>Histology:</b> (10% formalin fixed tissue; use SV43 form)	
1-3 slides (one biopsy only).....	\$24.00
4-6 slides.....	\$30.00
7-10 slides.....	\$36.00
11 or greater.....	\$40.00
Duplicate H&E .....	\$8.00
Immunohistochemistry .....	\$22.00
Special stains .....	\$8.00

#### **Milk Testing (SV43 form)**

Added water.....	\$3.00
Antibiotic (Charm testing, cost range for antibiotic tested).....	\$12.00-23.00
Brucella Ring test .....	\$2.00
Coliform (milk or water) .....	\$5.00
Component (butterfat) .....	\$1.00
Gerber (ice cream fat).....	\$3.00
Listeria culture.....	\$32.00
Majonnier (cheese and cottage cheese fat) .....	\$12.50
Pesticide (organophosphate and carbamates) .....	\$24.00 minimum
Pesticide (chlorinated hydrocarbons).....	\$210.00
Phosphatase (pasteurization) .....	\$6.00
Somatic cell count (direct microscopy) .....	\$5.00
Somatic cell count (electronic) .....	\$1.00
Standard plate count / PI count.....	\$5.50
Yeast and Mold.....	\$5.00

Laboratory Certification Review..... contact laboratory

**Miscellaneous Tests and Special Requests (use SV43 form)**

Bovine IgG <sub>1</sub> (0.5 cc serum) .....	\$12.00
Equine IgG <sub>1</sub> (0.5 cc serum) .....	\$12.50
Ocular Nitrate (0.5 cc aqueous humor).....	\$12.00

Duplicate test result reporting (fax and mail) .....	\$2.00
After hour fee (pathologist) .....	up to \$50.00
Stat fee (defined as immediate testing required, clinical pathology only).....	\$15.00
Referral testing: fee of referral laboratory testing, shipping fee and \$6.00 handling fee	

**Necropsy:** Includes gross examination, histopathology and cultures (per pathologists discretion).

**Contact laboratory for procedural instructions. Euthanasia must be performed**

**at departure point unless recommended otherwise by pathologist.**

**(Use SV43 form and provide complete history)**

**Cattle and Horses (routine)**

Fetus .....	\$50.00
<150lbs.....	\$65.00
150-500lbs.....	\$80.00
>500lbs.....	\$120.00

**Sheep and Goats**

Fetus/es (same dam) .....	\$50.00
<20lbs.....	\$50.00
>20lbs.....	\$65.00

**Swine**

Fetus/es (same litter) .....	\$50.00
<25 lbs.....	\$50.00
250-250 lbs.....	\$65.00
>250 lbs.....	\$80.00

Dogs and Cats .....

Other species .....\$35.00 minimum

Carcass disposal..... Companion animals .....\$25.00 to \$85.00  
Livestock .....\$25.00 to \$200.00

Insurance and legal cases..... contact laboratory

Research..... contact laboratory

Spinal cord removal (in addition to above necropsy fee) .....\$45 to \$80.00

**Transmissible Encephalopathies**

Necropsies .....	\$125.00 minimum
Brain removal.....	\$30.00
IHC and ELISA testing .....	referral fees plus shipping & handling

**Neonatal Diarrhea Studies (Kits):** Includes histopathology, routine bacteriology and, as history and age

of animal dictate, additional testing for *E. coli* K99 (LA), viral agents (EM), cryptosporidiosis,  
endoparasitism and IgG<sub>1</sub> level determination.

(Use SV43 form and instructions provided with kit)..... \$65.00

**Parasitology: (use SV43 form)**

Adult parasite or arthropod identification (referral) .....	\$25.00
<i>Cryptosporidiosis</i> exam (1 gm. feces) .....	\$6.00
<i>Dirofilaria immitis</i> HEARTWORM ELISA Screening - (1 cc serum).....	\$7.00
Confirmation (1 cc serum).....	\$12.00
Fecal flotation (3 gm fresh feces) .....	\$9.00
<i>Giardia</i> ELISA; (3 gm fresh feces) .....	\$20.00

**Rabies: (use SV43 form)****Submit entire brain or head in refrigerated, fresh state. Do not submit live animals.****Coincide specimen arrival with laboratory working hours.**

FA examination (small animal) .....	\$25.00
FA examination (large animal).....	\$50.00
Carcass disposal (does not apply to bats) .....	\$25.00-\$200.00

**Serology (Large Animal): use SV2A except for EIA. EIA use Federal VS10-11****Note: 5cc blood in red top tube yields approximately 1.5cc serum**

Anaplasmosis (cELISA; 0.5cc serum required).....	\$6.00/test
Avian Influenza (AGID; 0.5cc serum) .....	\$5.00/
Bluetongue (AGID; 0.5cc serum).....	\$5.00/
Bluetongue (cELISA; 0.5cc serum).....	\$7.50/
Bovine Leukemia Virus (ELISA; 1cc serum).....	\$6.00/
Bovine Respiratory Syncytial Virus (SN; 1cc serum).....	\$6.00/contact lab
Bovine Virus Diarrhea Type 1 and 2 (SN; 1cc serum) .....	\$12.00/
Bovine Virus Diarrhea cELISA (See below – Virology section)	
<i>Brucella abortus</i> (1.5cc serum for series; No charge for slaughter samples)	
Card, BAPA, or FP (each).....	\$1.00/
CF, Rivanol, SPT, or STT (each) .....	\$2.00/
<i>Brucella ovis</i> (cELISA; 1cc serum) .....	\$5.00/
Equine Infectious Anemia (AGID test; 1cc serum).... (1-15 tests).....	\$7.00/
16 - 50 tests.....	\$5.50/
> 50 tests.....	\$4.50/
Equine Infectious Anemia (ELISA; 1cc serum) .....	\$12.50/
Epizootic Hemorrhagic Disease (AGID, 0.5cc serum).....	\$10.00/
Infectious Bovine Rhinotracheitis (SN; 1cc serum) .....	\$6.00/
Johne's (Paratuberculosis, AGID; 0.5cc serum).....	\$10.00/
Johne's (Paratuberculosis, ELISA; 1cc serum) .....	\$6.50/
Leptospirosis (8 routine serovars- L. autumnalis, bratislava, canicola, grippotyphosa, hardjoprajtino, icterohemorrhagiae, pomona, tarassovi: MAT; 1cc serum) .....	\$6.50/test (8 serovars)
Ovine Progressive Pneumonia/Caprine Arthritis Encephalitis (AGID; 1cc serum).....	\$5.00/
Parainfluenza-3 (HI; 1cc serum).....	\$5.00/contact lab
Pseudorabies (SN, LA; 1cc serum).....	\$5.00/
<i>Salmonella pullorum</i> (MAT; 0.5cc serum).....	\$4.00/
Vesicular stomatitis -New Jersey and Indiana (SN; 1cc serum) .....	\$12.00/
West Nile Virus (IgM ELISA; 1cc serum) .....June 1 – October 31 .....	\$7.00/

**Serology (Small Animal) use SV43 form:**

Brucella canis (Card; 0.5cc serum).....	\$17.00
Feline Infectious Peritonitis (ELISA; 0.5cc serum).....	\$23.00
Feline Leukemia Virus (ELISA; 0.5cc serum) .....	\$13.00
Feline Leukemia/Feline Immunodeficiency Virus (ELISA; 0.5cc serum) .....	\$22.00

**Toxicology (referral to outside contact laboratory)****Virology: (use SV43 form)**

Bovine coronavirus (ELISA) feces .....	January - May .....	\$17.50
Bovine Virus Diarrhea ELISA; 1cc serum or ½ sq. inch ear notch;.....		\$5.00/
(Calves under 3 months ear notch only)		
>100 samples .....		\$4.00/
Canine Parvovirus (ELISA; feces) .....		\$20.00
Electron Microscopy (where applicable).....		\$25.00
Fluorescent Antibody Testing (BRSV, BVD, Bovine coronavirus, EHV-1, IBR, <i>Leptospira</i> , or PI-3) .....		\$6.00/test
Virus isolation (livestock only) .....		\$18.00/virus



**DEPARTMENT OF LIVESTOCK  
VETERINARY DIAGNOSTIC LABORATORY**

**HOURS:**           8:00AM-12:00PM; 1:00PM-5:00PM  
                        MONDAY THRU FRIDAY (EXCEPT HOLIDAYS)

**TELEPHONE:**       406-994-4885  
**FAX NUMBER:**      406-994-6344  
**WEBSITE:**           [www.mt.gov/liv](http://www.mt.gov/liv)

**MAILING ADDRESSES:**

**SHIPMENTS OF ALL SPECIMENS MUST MEET US GOVERNMENT  
PACKAGING REQUIREMENTS FOR DIAGNOSTIC SAMPLES.  
CONTACT COURIER OR THE LABORATORY FOR DETAILS.**

**United States Postal Service**

Montana Veterinary Diagnostic Laboratory  
P. O. Box 997  
Bozeman, Montana 59771-0997

**Street Address**

Montana Veterinary Diagnostic Laboratory  
South 19<sup>th</sup> and Lincoln  
Bozeman, Montana 59718

**LOCATION OF THE LABORATORY**

The laboratory is located on the campus of Montana State University in the Marsh Laboratory on the northwest corner of South 19<sup>th</sup> and Lincoln Street.